

# PRECISION APEX 2000 EXIT DEVICE & TRIM

ILLUSTRATED PARTS CATALOG



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## **GETTING STARTED**

#### **INTRODUCTION**

The *PHI Precision Apex 2000 Series Touchbar Style Exit Device* is highly regarded by architects and end-users alike. Many of the nation's largest health care and educational facilities prefer the Apex for its aesthetic design and efficient engineering. All Apex 2000 Series Exit Devices are UL listed for panic and fire hardware and are certified to ANSI A156.3 Grade 1. Several models are also certified for hurricane resistant applications. A complete offering of mechanical and electrical options provide a wide range of exit device security solutions. However, the traditional core strengths of the product can't be overstated — simple operation with few moving parts, manufactured with true ANSI/BHMA architectural finishes. The Active Case is constructed from investment cast steel and the universal mounting holes provide an easier retrofit installation.



#### **OVERVIEW**

#### Before looking up the part

Before looking up the part, know the **model** of the exit device, the **function** it performs, which **style** lever, knob, or grip you presently have, and what type of **finish** is on it. All these parameters are important to ordering the proper parts for your device.

Please read any footnotes, as they may contain important information concerning options for your unit or your parts.

#### Models

2100 Rim Devices

2200 Surface Vertical Rod Exit Devices

2300 Mortise Exit Devices

2400 Narrow Stile Rim Exit Devices

2600 Narrow Stile Concealed Vertical Rod Exit Devices

2700 Wood Door Concealed Vertical Rod Exit Devices

2800 Concealed Vertical Rod Exit Devices

#### **Functions**

Rim and Vertical Rod Exit Devices incorporate universal function.

ANSI Function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumbpiece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever/knob
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

#### Style

- Know which of the many styles of trim and levers your unit requires.
- Know which options your unit has.
- Know if your unit has a special rating such as Fire, Hurricane Compliance, or Delayed Egress that would require special ordering of the parts.

#### **Finishes**

ANSI/BHMA	US	Description
605	US3	Polished Brass, Clear Coated
606	US4	Satin Brass, Clear Coated
612	US10	Satin Bronze, Clear Coated
613	US10B	Dark Oxidized Satin Bronze
625	US26	Polished Chromium Plated
626	US26D	Satin Chrome Plated
628	US28	Satin Aluminum, Clear Anodized
630	US32D	Satin Stainless Steel

#### Other options

<b>Abbreviation</b>	Description
DE	Delayed Egress
E	Electric Lock/Unlock Device
ELR	Electric Latch Retraction
FL	Fire Exit Hardware
НС	Windstorm and Hurricane Code Device
LDS	Latchbolt Monitoring Double Switch
LS	Latchbolt Monitoring Switch
Q	Wireless Access Management System.
TDS	Touchbar Monitoring Double Switch
TS	Touchbar Monitoring Switch
WTDS	Weatherized Touchbar Monitoring Double Switch
WTS	Weatherized Touchbar Monitoring Switch
ALK	Exit Alarm: battery operated
ALW	Exit Alarm: remote power
BRL	Braille Touchbar
CD	Cylinder Dogging
DS	Door Position Monitoring Switch
LD	Less Dogging
SEC	Security Screws
SNB	Sex Nut and Bolt

If you are unsure of which part you need, please contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### Web Addresses

Precision Hardware - www.precisionhardware.com.

Stanley Security Solutions - www.stanleysecuritysolutions.com.

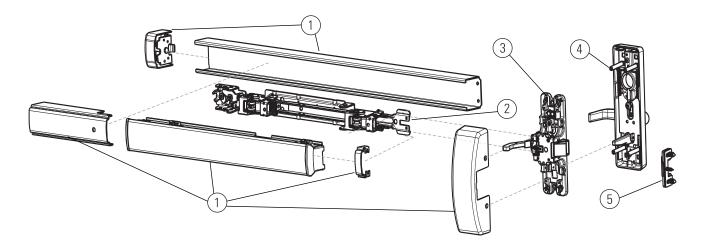
## 2

## **EXIT DEVICE OVERVIEW**

This chapter provides top level diagrams for various Apex 2000 models of Exit Devices. It gives direction as to where in this manual more detailed information on the separate components of that model may be found.

The diagrams show a basic model. Details of usage and options are listed in the component chapters. If you do not find the optional or specialized part, see Chapter 8, *Other Components*.

#### 2100 APEX RIM SERIES



**Figure 2.1** 2100 Apex Rim Exit Device

2100 Series parts guide

Refer to Figure 2.1 and the table below to find the basic chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Trim	See Chapter 3
5	Strike/Latch/Rods	See Chapter 7

#### 2200 APEX SURFACE VERTICAL ROD SERIES

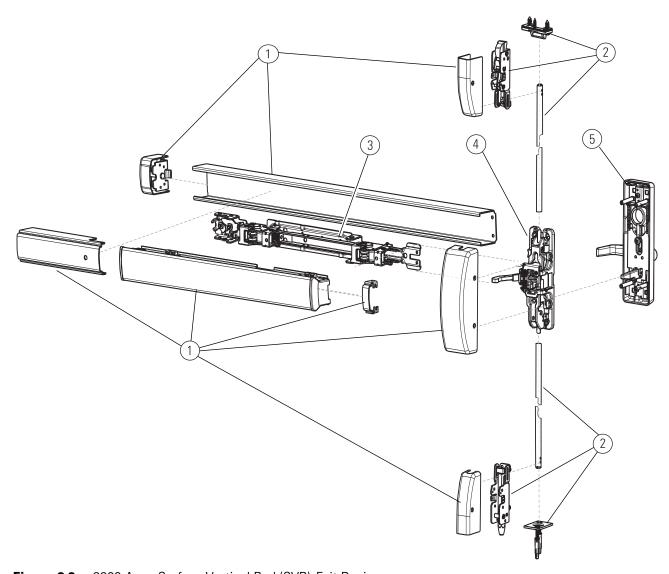


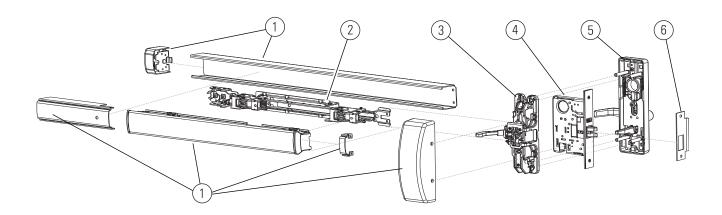
Figure 2.2 2200 Apex Surface Vertical Rod (SVR) Exit Device

## 2200 Series parts guide

Refer to Figure 2.2 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Strike/Latch/Rods	See Chapter 7
3	Touchbar Mechanisms	See Chapter 5
4	Active Case Assembly	See Chapter 6
5	Trim	See Chapter 3

#### **2300 APEX MORTISE SERIES**



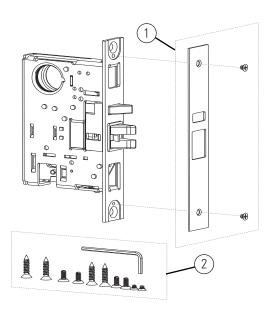
**Figure 2.3** 2300 Apex Mortise Exit Device

## 2300 Series parts guide

Refer to Figure 2.3 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Mortise Case	See page 2-5.
5	Trim	See Chapter 3
6	Strike/Latch/Rods	See Chapter 7

#### MORTISE CASES FOR THE 2300 APEX

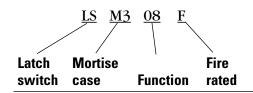


**Figure 2.4** Complete mortise case does not include a cylinder. Order the cylinder separately. See the BEST Cylinder Product Catalog.

Е	Electric Lock/Unlock
LS	Latch Switch
M3	Mortise
F	Fire Rated

#### Example:

LSM308F + Hand + Finish



				Hand	
ltem	Part Number	Description	<b>Q</b> ty	RHRB	LHRB
	02555-05 *	EM303 — Complete	1		
	02821-05 *	EM303 — Complete	1		
	02556-05 *	EM303F — Complete	1	•	
	02822-05 *	EM303F — Complete	1		
	02557-05 *	LSEM303 — Complete	1		
	02823-05 *	LSEM303 — Complete	1		
	02558-05 *	LSEM303F — Complete	1	•	
	02824-05 *	LSEM303F — Complete	1		
	02553-05 *	LSM303 — Complete	1	•	
	02819-05 *	LSM303 — Complete	1		
	02554-05 *	LSM303F — Complete	1	•	
	02820-05 *	LSM303F — Complete	1		
	02551-05 *	LSM308 — Complete	1	-	
	02817-05 *	LSM308 — Complete	1		
	02552-05 *	LSM308F — Complete	1	•	
	02818-05 *	LSM308F — Complete	1		
	02543-05 *	M303 — Complete	1	•	
	02813-05 *	M303 — Complete	1		
	02544-05 *	M303F — Complete	1	•	
	02814-05 *	M303F — Complete	1		
	02545-05 *	M308 — Complete	1	•	
	02815-05 *	M308 — Complete	1		
	02816-05 *	M308F — Complete	1		•
	02549-05 *	M310 — Complete <sup>a</sup>	1	-	
	02547-05 *	M310 — Complete <sup>a</sup>	1		-
	02550-05 *	M310F — Complete <sup>a</sup>	1	•	
	02548-05 *	M310F — Complete <sup>a</sup>	1		
1	01064-05	Mortise Scalp Pack	1		
2	02118-09	Screw Pack, Mortise Lock	1		•

a. Also includes Cylinder Extension 01134-05-



<sup>\*</sup> Specify finish when ordering these parts.

#### 2400 APEX RIM, NARROW STILE SERIES

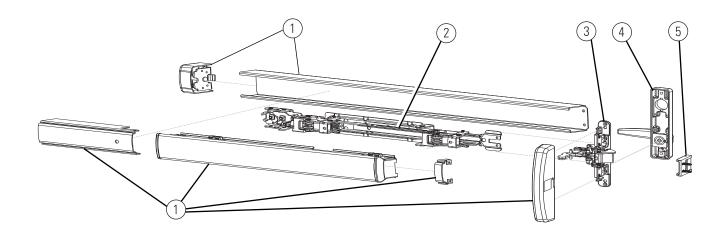


Figure 2.5 2400 Apex Rim Narrow Stile Exit Device

## 2400 Series parts guide

Refer to Figure 2.5 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Trim	See Chapter 3
5	Strike/Latch/Rods	See Chapter 7

#### **2600 APEX CONCEALED VERTICAL ROD, NARROW STILE SERIES**

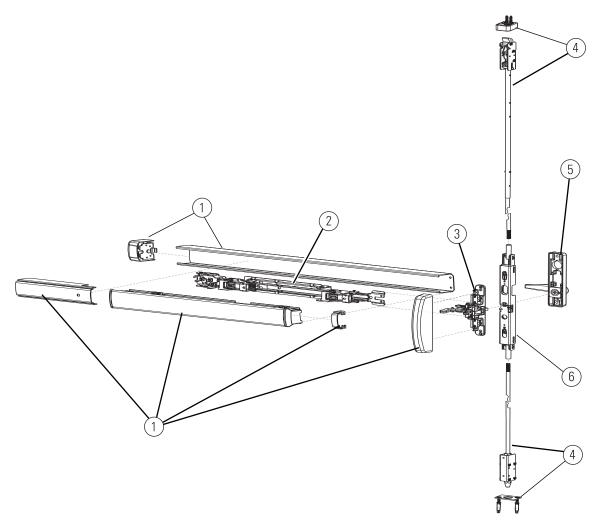


Figure 2.6 2600 Apex Concealed Vertical Rod (CVR), Narrow Stile Exit Device

## 2600 Series parts guide

Refer to Figure 2.6 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Strike/Latch/Rods	See Chapter 7
5	Trim	See Chapter 3
6	Center Case	See Chapter 7

#### 2700 APEX WOOD DOOR CONCEALED VERTICAL ROD SERIES

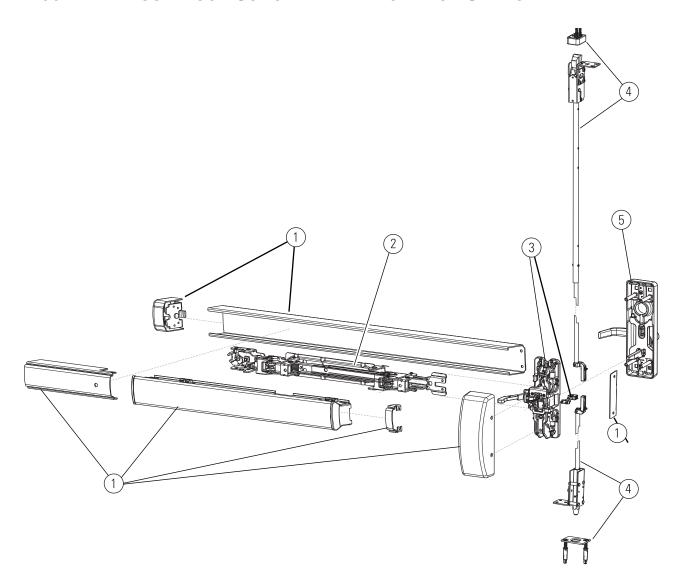


Figure 2.7 2700 Apex Wood Door Concealed Vertical Rod (CVR) Exit Device

## 2700 Series parts guide

Refer to Figure 2.7 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Strike/Latch/Rods	See Chapter 7
5	Trim	See Chapter 3

#### 2800 APEX CONCEALED VERTICAL ROD SERIES

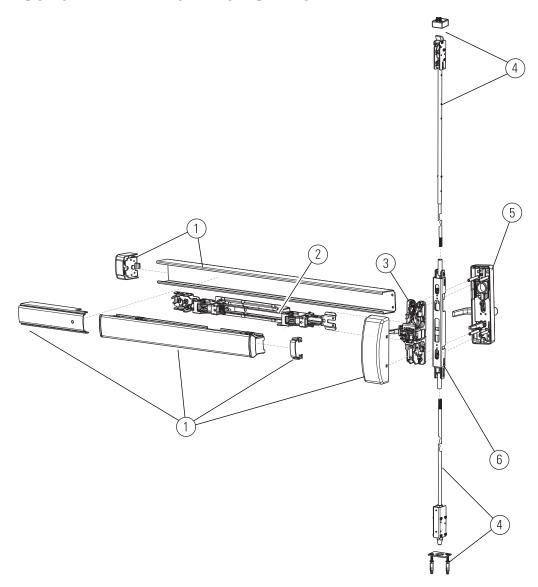


Figure 2.8 2800 Apex Concealed Vertical Rod (CVR) Exit Device

## 2800 Series parts guide

Refer to Figure 2.8 and the table below to find the chapter you need.

ltem	Description	Chapter
1	Finished Parts	See Chapter 4
2	Touchbar Mechanisms	See Chapter 5
3	Active Case Assembly	See Chapter 6
4	Strike/Latch/Rods	See Chapter 7
5	Trim	See Chapter 3
6	Center Case	See Chapter 7
	·	

# 3

## **T**RIM

## Trim Components

To order replacement trim components, please note which function your exit device performs, which style lever, knob, or grip you presently have, and what type of finish is on it.

All trim is field reversible. See installation instructions for further details.

ANSI Function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumbpiece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever/knob
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

ANSI/BHMA	US	Description
605	US3	Polished Brass, Clear Coated
606	US4	Satin Brass, Clear Coated
612	US10	Satin Bronze, Clear Coated
613	US10B	Dark Oxidized Satin Bronze
625	US26	Polished Chromium Plated
626	US26D	Satin Chrome Plated
628	US28	Satin Aluminum, Clear Anodized
630	US32D	Satin Stainless Steel

#### **BASIC STYLES**

Wide trim is used with the 2100, 2200, 2300, 2700 and 2800 models of the PHI Apex 2000 Exit Device.

The narrow trim is used with the 2400 and 2600 models of the PHI Apex 2000 Exit Device.

Trim	Wide	Narrow	Lever	Grip
4900				
2900				
1700	•			
2000				•
C03			Required or	2803 only

#### **CYLINDER ACCESSORIES**

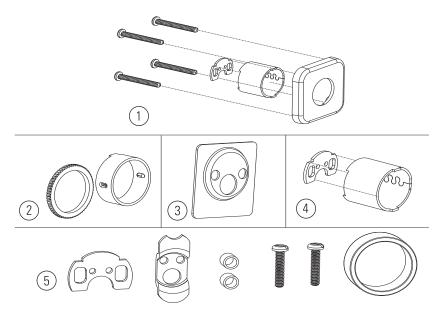


Figure 3.1 Cylinder Accessories

ltem	Part Number	Description	Qty	Model
1	02317-04 *	Cast Plate C03	1	2803 Device
2	02124-09	2908 Cylinder Attachment CA2809	1	2908 Trim
3	01657-54	Cylinder Backplate Wide CA-03	1	2103, 2203, 2703 Devices
4	02122-09	Rim Cylinder Attachment CA-03T	1	4903, 4908, 1703, 1705, 2003, 2005, 2903, C03 Trims
5	02111-09	2403/2603 No Trim Pack	1	2403, 2603 Devices

<sup>\*</sup> Specify finish when ordering these parts.

#### **4900 ESCUTCHEONS**

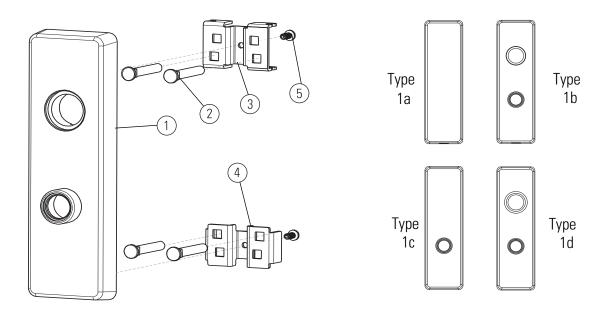


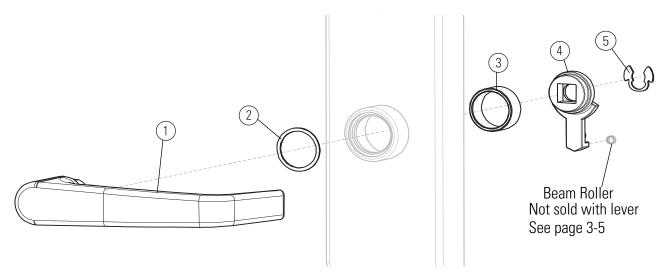
Figure 3.2 4900 Series Escutcheons

Item	Part Number	Description	Qty	Туре	Trim Model
	02717-04 *	Complete Escutcheon Kit			4901, R4901
	02718-04 *				4903, R4903, 4908, R4908, V4908, RV4908
	02719-04 *				4902, R4902, 4914, R4914
	02720-04 *				M4903, RM4903, M4908, RM4908,VM4908, RVM4908
1	02095-49 *	Escutcheon	1	1a	4901
	02133-04 *		1	1b	4903, 4908, V4908
	02134-04 *		1	1c	4902, 4914
	02135-04 *		1	1d	M4903, M4908, VM4908
2	01960-91	Trim Stud, 4900 Trim	4		All 4900 models
3	01958-49	Top Bracket, 4900	1		All 4900 models
4	01959-49	Bracket, Bottom, 4900 Trim	1		All 4900 models
5	00509-91	Screw, #10-24 X 1/2 PPHMS	2		All 4900 models

<sup>\*</sup> Specify finish when ordering these parts.

4900 Series Trim is used on all 2100, 2200, 2300, 2700 and 2800 models of PHI Apex Exit Devices.

#### **4900 LEVERS**



**Figure 3.3** 4900 Series Levers

ltem	Part Number	Description	Qty	Lever Style
	02721-04 *	Complete Lever Kit		A -RHRB
	02722-04 *			A-LHRB
	02723-04 *			B-RHRB
	02724-04 *			B-LHRB
	02725-04 *			C-RHRB
	02726-04 *			C-LHRB
	02727-04 *			D-RHRB
	02728-04 *			D-LHRB
	02729-04 *			K
1	00646-04 *	Lever	1	A
	00647-04 *		1	В
	00648-04 *		1	C
	00649-04 *		1	D
	00650-04 *		1	K
2	01727-39	Lever Washer	1	All
3	01696-39	Trim Sleeve Bushing	1	All
4	01455-39	Beam	1	All
5	00617-91	Retaining Ring	1	All

<sup>\*</sup> Specify finish when ordering these parts.

All trim is field reversible. See installation instructions for further details.

#### 4900 YOKES AND SPRINGS

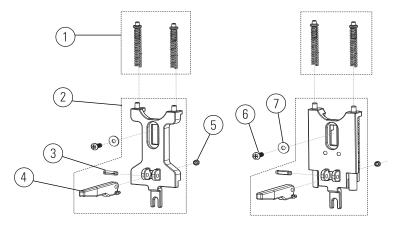


Figure 3.4 4900 Yoke and Springs (Operational Yoke left, Vandal Yoke right)

					Ha	nd	Door th	ickness
ltem	Part Number	Description	<b>Q</b> ty	Trim Model	RHRB	LHRB	1¾ to 2¼	2½ to 4
	02730-04	Complete Yoke Kit	1	4908, 4914				
	02731-04		1	V4908				
	02734-04		1	M4908	•		•	
	02735-04		1	M4908			•	
	02736-04		1	MV4908	•		•	
	02737-04		1	MV4908			-	
	02744-04		1	4908 Extension				•
	02745-04		1	V4908 Extension				•
1	02738-04	Complete Lever Spring Kit	1	All 4900 yokes				
2	01971-04	Yoke Assembly	1	4908, 4914			-	
	02181-04		1	V4908			-	
	01973-04		1	M4908			•	
	02740-04		1	M4908		•	-	
	02183-04		1	MV4908			•	
	02741-04		1	MV4908		•	•	
	02742-04		1	4908 Extension				•
	02743-04		1	V4908 Extension				•
3	00671-90	Groove Pin, .188 X.75	1	All 4900 yokes				
4	01075-39	Trim Finger	1	4908, V4908, 4914				
	01977-04		1	Extension yokes				•
	00414-39		1	M4908, MV4908				
5	01456-39	Beam Roller	1	All 4900 yokes				
6	00509-91	Screw, #10-24 X 1/2 PPHMS	1	All 4900 yokes				
7	01520-91	Washer, #10 Flat	1	All 4900 yokes				

#### **2000 TRIM**

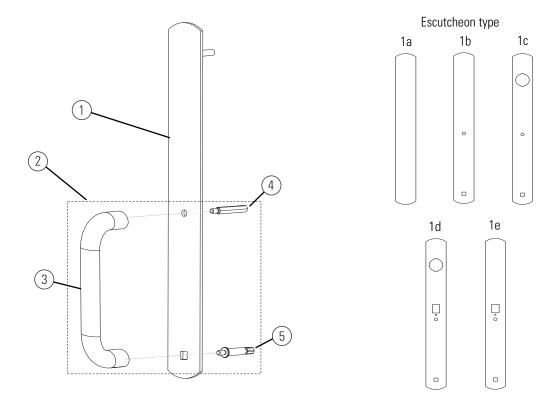


Figure 3.5 2000 Escutcheon and Grip

Item	Part Number	Description	Qty	Trim Model	Escutcheon Type
1	00568-04 *	2000 Escutcheon	1	2001	1a
	00567-04 *		1	2002	1b
	00569-04 *		1	2003	1c
	00571-04 *		1	2005	1d
	00573-04 *		1	2015	1e
2	01362-04 *	Grip C Kit (includes items 3, 4, and 5)	1	2000	
3	00324-54 *	C Grip	1		
4	00233-50	Stud, Hex	1		
5	00222-50	Stud, Trim	1		

<sup>\*</sup> Specify finish when ordering these parts.

The 2000 Trim is used standard on all 2400 models of Apex Exit Devices with pull trim, and optional on the 2100, 2200, 2300 and 2700.

#### **2900 ESCUTCHEONS**

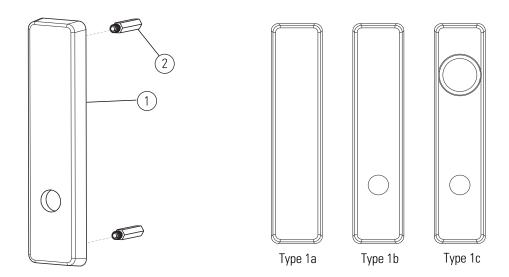


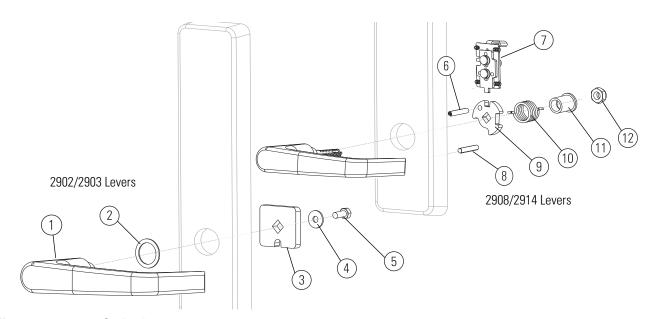
Figure 3.6 2900 Series Escutcheons

ltem	Part Number	Description	Qty	Type	Trim Model
	02751-04 *	Complete Escutcheon Kit			2901
	02752-04 *				2902, 2914
	02753-04 *				2903, 2908
1	01630-29 *	Escutcheon	1	1a	2901
	01631-29 *		1	1b	2902, 2914
	01562-29 *		1	1c	2903, 2908
2	02086-29	Hex Stud 2900 Trim	2		All 2900 models

<sup>\*</sup> Specify finish when ordering these parts.

The 2900 Trim is used standard on all 2400 and 2600 models of Apex Exit Devices specified with lever trim.

#### **2900 LEVERS**



**Figure 3.7** 2900 Series Levers

	Part				Lever	Hand
ltem	Number	Description	Qty	Trim Model	Style	RHRB LHRB
	02826-04 *	Complete Lever Kit		2902, 2903	A	
	02827-04 *			2902, 2903	A	
	02828-04 *			2902, 2903	В	•
	02829-04 *			2902, 2903	В	•
	02830-04 *			2902, 2903	С	•
	02831-04 *			2902, 2903	С	
	02832-04 *			2902, 2903	D	•
	02833-04 *			2902, 2903	D	•
	02834-04 *			2908, 2914	A	•
	02835-04 *			2908, 2914	A	•
	02836-04 *			2908, 2914	В	•
	02837-04 *			2908, 2914	В	
	02838-04 *			2908, 2914	С	•
	02839-04 *			2908, 2914	С	•
	02840-04 *			2908, 2914	D	
	02841-04 *			2908, 2914	D	•

	Part		Lever	Hand			
ltem	Number	Description	Qty	Trim Model	Style	RHRB	LHRB
1	01599-04*	Lever Assembly		2902, 2903	A		
	01600-04 *			2902, 2903	В		
	01601-04 *			2902, 2903	С		
	01602-04 *			2902, 2903	D		
	01595-04 *			2908, 2914	A		
	01593-04 *			2908, 2914	В		
	01594-04 *			2908, 2914	С		
	01596-04 *			2908, 2914	D		
2	01567-91	Washer, Delrin .695 ID X 1.00 OD	1	2902, 2903	All		
3	01568-29	Lever Lock	1	2902, 2903	All		
4	01520-91	Washer, #10 Flat	1	2902, 2903	All		
5	01608-91	Screw, #10-24 X 3/8 Hex Head Machine	1	2902, 2903	All		
6	01627-90	Spiral Pin, 3/16 X 3/4	1	2908, 2914	All		
7	01578-04	2908 Mechanism	1	2908 only			
8	00382-90	Roll Pin, 1/8 X 7/8	1	2908, 2914	All		
9	01565-29	Lock Out Ring, 2900 Trim	1	2908, 2914	All		
10	01575-89	Spring, Torsion, 2900 Trim	1	2908, 2914	A, B, D		
	01586-89		1	2908, 2914	С		
11	01587-29	Mandrel	1	2908, 2914	All		
12	01625-91	Nut, Hex 3/8-24 W/nylon	1	2908, 2914	All		

<sup>\*</sup> Specify finish when ordering these parts.

All trim is field reversible. See installation instructions for details.

### **1700 T**RIM

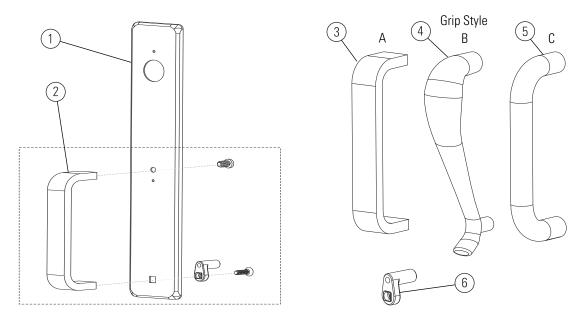


Figure 3.8 1700 Escutcheon and Grip

					Grip Style		
ltem	Part Number	Description	Qty	Trim Model	A	В	C
1	05510-04 *	1700 Trim Plate	1	1701			
	05511-04 *		1	R1701			
	05512-04 *		1	C1700			
	055130-04 *		1	1702, C1702	-		
	05514-04 *		1	R1702	-		
	05515-04 *		1	1702, C1702		-	
	05516-04 *		1	R1702		-	
	05517-04 *		1	1703	-		
	05518-04 *		1	C1703		-	
	05527-04 *		1	R1703	•		
	05528-04 *		1	R1703			
	05519-04 *		1	1705, M1705, C1705			
	05520-04 *		1	R1705	-		
	05521-04 *		1	1705, M1705, C1705		-	
	05522-04 *		1	R1705		•	
	05523-04 *		1	1715, M1715, C1715	•		
	05524-04 *		1	R1715	-		
	05524-04 *		1	1715, M1715, C1715		-	
	05526-04 *		1	R1715			

					Grip Style		
ltem	Part Number	Description	<b>Q</b> ty	Trim Model	Α	В	C
2	01351-04 *	Grip Kit (includes hardware)	1	1700			
	01352-04 *		1	1700			•
	01353-04 *		1	M1700			
	01354-04 *		1	M1700			•
	01355-04 *		1	R1700			
	01356-04 *		1	R1700			•
	01357-04 *		1	1700		-	
	01358-04 *		1	M1700		-	
	01359-04 *		1	C1700		-	
	02756-04 *		1	C1700 - RHRB	•		
	02757-04 *		1	C1700 - LHRB	-		
	02758-04 *		1	C1700 - RHRB			•
	02759-04 *		1	C1700 - LHRB			
3	00323-54 *	A Grip	1		•		
4	00322-54 *	B Grip	1			-	
5	00324-54 *	C Grip	1				•
6	00954-54	Trim Stud	1				

<sup>\*</sup>Specify finish when ordering these parts.

 $1700\ Series\ Trim$  is used on all 2100, 2200, 2300, 2700 and 2800 models of PHI Apex Exit Devices.

# 4

## **FINISHED PARTS**

#### **Finished Parts**

To order replacement trim components, please note which function your exit device performs, and what type of finish is on it.

ANSI Function	Description
01	Exit only (cover plate)
02	Dummy trim
03	Key retracts latchbolt
05	Key locks/unlocks thumb piece
08	Key locks/unlocks lever/knob
10	Double cylinder - inside key locks/unlocks lever
14	No cylinder - lever/knob always active
15	No cylinder - thumbpiece always active

ANSI/BHMA	US	Description
605	US3	Polished Brass, Clear Coated
606	US4	Satin Brass, Clear Coated
612	US10	Satin Bronze, Clear Coated
613	US10B	Dark Oxidized Satin Bronze
625	US26	Polished Chromium Plated
626	US26D	Satin Chrome Plated
628	US28	Satin Aluminum, Clear Anodized
630	US32D	Satin Stainless Steel

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### **COMMON FINISHED PARTS**

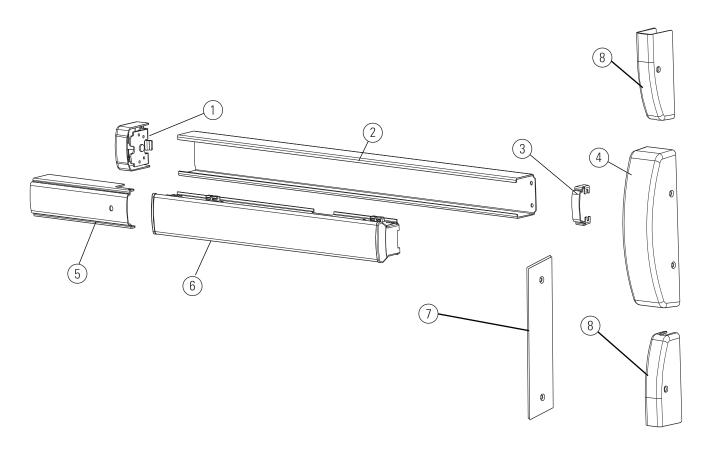


Figure 4.1 Overview of common finished parts

ltem	Part Number	Description	Qty
1	See page 4-4.	Endcap Device	1
2	See page 4-4.	Device Channel	1
3	02306-01 *	Lock Side Filler Kit (includes hardware)	1
4	See page 4-7.	Active Case Cover	1
5	See page 4-5.	Hinge Filler	1
6	See page 4-4.	Touchpad Sub-Assembly	1
7	03244-09 *	Lock Front Filler Kit 2700 (includes hardware)	1
8	01011-03 *	Latch Cover Kit (includes hardware)	2

<sup>\*</sup>Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### **ENDCAPS**

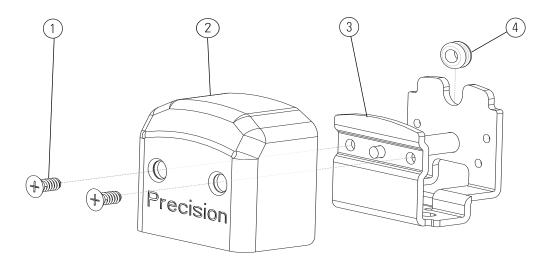


Figure 4.2

					Used o	n
ltem	Part Number	Description	Qty	Wide	Narrow	Electric
	00775-02 *	Endcap Device (includes cover, bracket and hardware)	1			
	00777-02 *		1		•	
	03304-02 *		1	-		
	03305-02 *		1		•	-
1	02104-09 *	Screw Pack, Endcap Screws (2 screws)	1	-	•	
2	00270-52 *	Endcap Cover	1	-		
	00149-52 *		1		-	
3	00305-02	Endcap Mounting Bracket	1	-		
	00591-02		1		•	
4	01723-56	Grommet (Electric only)	1			

<sup>\*</sup>Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

# **ENDCAPS, CHANNELS, AND TOUCHPADS**

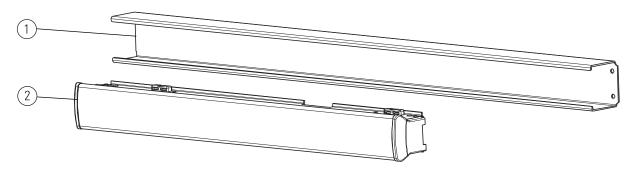


Figure 4.3 Endcaps, channels, and touchpads

ltem	Part Number	Description	Qty	Wide	Narrow	2 ft 6 in	3 ft	4 ft
1	00120-52	Device Channel	1					
	00121-52		1	•		•		
	00122-52		1	•				•
	00128-52		1		•		-	
	00130-52		1		-			-
2	00157-02	Touchpad Sub-assembly	1	-	•		•	
	00158-02		1	•		•		
	00159-02		1					

Specify finish when ordering these parts.

# **HINGE FILLERS**

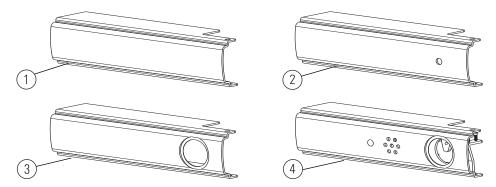
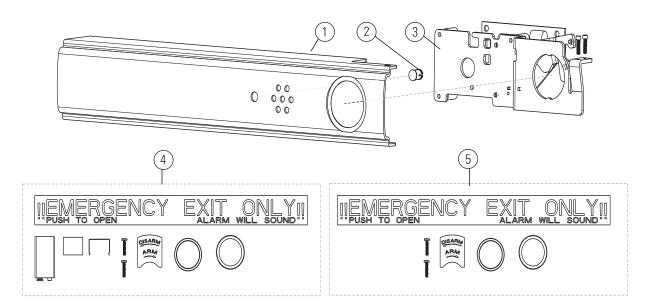


Figure 4.4 Basic hinge filler styles

ltem	Part Number	Description	Qty	Wide	Narrow	2 ft 6 in	3 ft	4 ft
1	00236-52 *	Plain Hinge Filler	1			•		
	00237-52 *		1					-
	00238-52 *		1				•	
	00239-52 *		1		-			-
2	00240-52 *	Hex Hinge Filler	1			•		
	00241-52 *		1	•				-
	00242-52 *		1				•	
	00243-52 *		1		•			-
3	00489-02 *	CD Hinge Filler (includes hardware)	1	•		•		
	00490-02 *		1					-
	00929-02 *		1					
	00930-02 *		1		-			-
4	00491-06 *	Alarm- ALK Filler (includes alarm and hardware)	1	•		•		
	00492-06 *		1					-
	00586-06 *		1					
	00587-06 *		1		-			-
	00493-06 *	Alarm - ALW Filler (includes alarm and hardware)	1	•		•		
	00494-06 *		1	•				-
	00588-06 *		1				•	
	00589-06 *		1					-
Not	00220-93	Dogging Key (optional)	1	•		-	•	
shown	02105-09	Cylinder Dogging Attachment Kit (includes collar, cylinder locating washer, and lock nut)	1	•	•	•	•	•

<sup>\*</sup> Specify finish when ordering these parts.

#### **ALARM HINGE FILLERS**



**Figure 4.5** Alarm hinge filler parts

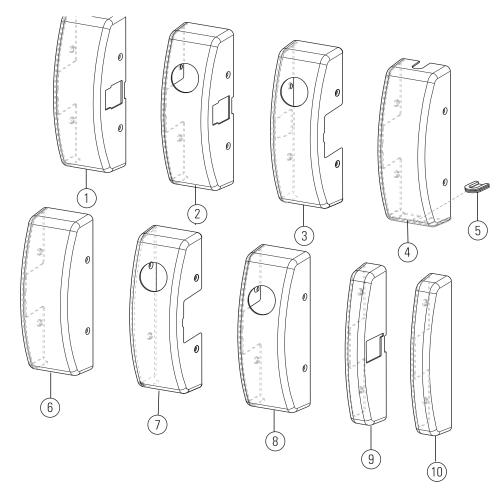
ltem	Part Number	Description	Qty	ALK	ALW
1	00248-52 *	Hinge Filler for 00491-06	1		
	00249-52 *	Hinge Filler for 00492-06	1	•	
	00250-52 *	Hinge Filler for 00586-06	1		
	00251-52 *	Hinge Filler for 00587-06	1	•	
	00249-52 *	Hinge Filler for 00494-06	1		•
	00248-52 *	Hinge Filler for 00493-06	1		•
	00250-52 *	Hinge Filler for 00588-06	1		•
	00251-52 *	Hinge Filler for 00589-06	1		
2	01460-56	Lens, LED	1	•	
3	00699-06	Alarm Chassis Assembly	1		
	00899-06	Alarm Chassis Assembly	1		•
4	02310-09 *	Hardware Pack	1	•	
5	02309-09 *	Hardware Pack	1		

<sup>\*</sup> Specify finish when ordering these parts.



ltem	Part Number	Description	Qty
1	00872-92	"Emergency Exit Only" Label	1
2	00672-92	"Arm/Disarm" Label	1

#### **ACTIVE CASE COVERS**



**Figure 4.6** Apex Active Case covers -- includes mounting hardware.

ltem	Part Number	Description	Qty
1	02281-01	2100 Cover Kit	1
2	02285-01	2110 LHRB Cover Kit	1
3	02283-01	2110 RHRB Cover Kit	1
4	02287-01	2200 Cover Kit	1
5	05124-51	LBR Cover Plug	1
6	02464-01	2300/2700/2800 Cover Kit	1
7	02468-01	2310 LHRB Cover Kit	1
8	02466-01	2310 RHRB Cover Kit	1
9	02470-01	2400 Cover Kit	1
10	02472-01	2600 Cover Kit	1

Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), hurricane compliance (HC), or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

# 5

# **TOUCHBAR COMPONENTS**

This chapter provides diagrams and part numbers for the components of various touchbar mechanisms associated with Apex 2000 Exit Devices. Please read through all the options to ensure you select the proper part for your unit.

#### **SPRING TOUCHBAR COMPONENTS**

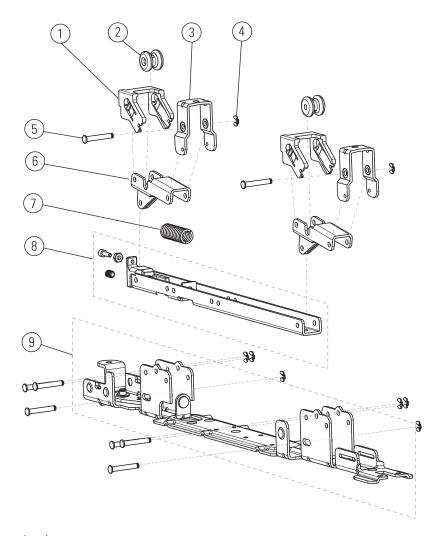


Figure 5.1 Spring type mechanism

				Door Width		h	Do	gging Ty	pe
ltem	Part Number	Description	Qty	2 ft 6 in	3 ft	4 ft	Hex	CD	FL
	00163-02	Complete Touchbar Mechanism							
	00164-02								•
	00165-02				•			•	
	00166-02			-			-		
	00167-02			-					•
	00168-02			-				-	
	00169-02					•	•		
	00170-02								•
	00171-02					•		•	

							Do	gging Ty	pe
ltem	Part Number	Description	Qty	2 ft 6 in	3 ft	4 ft	Hex	CD	FL
1	02130-52	Touchbar Guide	2						
2	00110-52	Bumper	2	•			•		
3	00108-52	Bracket, Touchbar	2				•	•	
4	00228-91	Retaining Ring	8	•			-	•	-
5	00449-90	Pin, Pivot	8				•		
6	00111-52	Beam	2	•			•		
7	00131-89	Spring, Touchbar	1		•	•	-	•	-
8	00703-02	Dogging Channel Assembly	1	•			•	•	•
	00702-02		1		•		-	•	-
	00701-02		1			•	•	•	-
9	05301-02	Sub-Bracket Assembly	1		•		-		
	05302-02		1		•			•	
	05303-02		1	•			-		
	05304-02		1	•				•	
	05305-02		1				-		
	05306-02		1			•		•	
	05290-52	(Bracket only)	1	-					-
	05291-52		1		•				-
	05292-52		1						

NOTE: Fire rated equipment may never be mechanically dogged.

If you need replacements for units rated for hurricane compliance (HC) or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

# SOLENOID (ELR) TOUCHBAR COMPONENTS

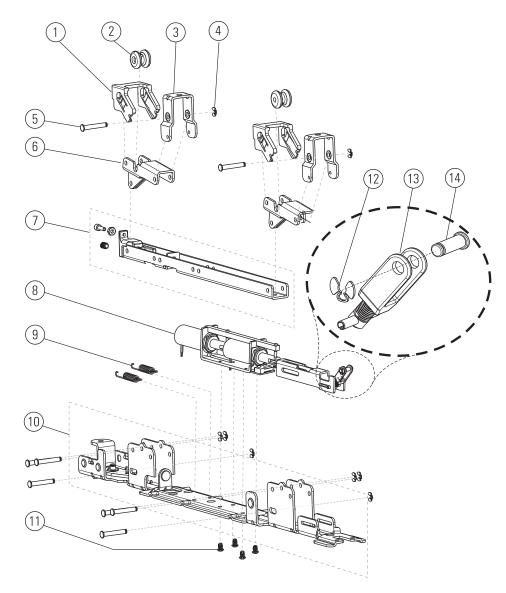


Figure 5.2 ELR Touchbar Mechanism

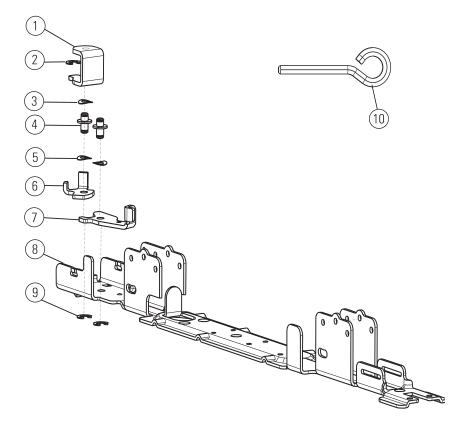
				Sti	le	Door \	Width	Dog	ging T	ype
ltem	Part Number	Description	<b>Q</b> ty	Wide	Nar.	3 ft	4 ft	Hex	CD	FL
	00172-02	ELR Complete Touchbar Mechanism								
	00173-02			•		•				
	00174-02			•		-			-	
	00175-02									
	00176-02			•			•			•
	00177-02									
	00892-02				•	•		•		
	00893-02									

				Sti	ile	Door \	Width	Dog	ging T	уре
ltem	Part Number	Description	Qty	Wide	Nar.	3 ft	4 ft	Hex	CD	FL
	00894-02									
	00895-02				•			-		
	00896-02									
	00897-02				•				•	
1	02130-52	Touchbar Guide	2							
2	00110-52	Bumper	2	•						
3	00108-52	Bracket, Touchbar	2							
4	00228-91	Retaining Ring	8	-		•	•		•	
5	00449-90	Pin, Pivot	8	•						
6	00111-52	Beam	2	•		•	•			
7	00915-06	Dogging Channel Assembly	1	-		-				
	00916-06		1	-	•		-	-	•	•
8	00525-06	Solenoid/Linkage Assembly	1	-		•	•	-	•	•
	00639-06		1			•	•	-		
9	00844-89	Spring, ELR Touchbar	2	-		-				
	00131-89		1	-	•		-	-	•	•
10	05305-02	Hex/cyl Sub-bracket Assembly	1	•	•		•	-		
	05306-02		1		•		-		-	
	05307-02		1	-	•	-		-		
	05308-02		1						•	
	05291-52	(Bracket only)	1	•	•	•				•
	05292-52	(Bracket only)	1							
11	00416-91	Screw, #8-32 X .275	4	•	•	•	•	•	•	•
12	00228-90	Retaining Ring, shaft	1							
13	00681-06	Yoke Assembly, ELR	1	-	•	•	•	•	•	•
14	01922-90	Pin, Link - ELR	1		-		-	•	-	

NOTE: Fire rated equipment may never be mechanically dogged.

If you need replacements for units rated for hurricane compliance (HC) or delayed egress (DE), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### **SUB-BRACKET ASSEMBLY**



**Figure 5.3** Sub-bracket assembly for hex and cylinder dogging units only.

				Do	or Widt	:h	Dogging Type			
Item	Part Number	Description	<b>Q</b> ty	2 ft 6 in	3 ft	4 ft	Hex	CD		
1	00115-52	Bracket, Hex Key	1							
2	00254-91	E-clip, .250 dia Shaft	1				-			
3	00253-91	1/4 Curved Spring Washer	1	•	•	•	-			
4	00252-52	Dogging Fastener	2		•		-	-		
5	00253-91	1/4 Curved Spring Washer	2	•			•	-		
6	00116-52	Dogging Cam	1		•	•	-			
7	00114-52	Dogging Hook	1	•			•	-		
8	05290-52	Consolidated Subplate	1				-	-		
	05291-52		1		•		-	-		
	05292-52		1				-	-		
9	00254-91	E-clip, .250 dia Shaft	2	•	•	•	•	•		
10	00220-93	Dogging Key	1							

NOTE: Fire rated equipment may never be mechanically dogged.

# 6

# **ACTIVE CASE ASSEMBLIES**

This chapter provides diagrams and part numbers for the active case (chassis) used on the various PHI Apex 2000 Exit Devices. Reference the chart on page 6-2 to find all the correct parts to your active case.

#### **COMPLETE ACTIVE CASE ASSEMBLIES**

#### For all backplate assemblies see page 6-15.

All Active Case Assemblies include the 02306-01 Lock Side Filler Kit. See page 4-2.

		Ha	ınd	Active Case	See page									
Assembly	Model Description	RHRB	LHRB	Sub-assembly	6-4	6-5	9-9	8-9	6-10	6-11	6-12	6-13	6-14	Backplate
00867-01	21 Active Case Assembly		•	02271-01							_			00842-01
01216-01	21F Active Case Assembly		•	02272-01	-									00842-01
02570-01	2103 Active Case Assembly		•	02271-01	•									00369-01
00335-01		•		02271-01										00369-01
02571-01	2103F Active Case Assembly		•	02272-01	-									00369-01
00339-01				02272-01										00369-01
02582-01	2108 Active Case Assembly		•	02271-01	•									00832-01
00336-01				02271-01	-									00832-01
02583-01	2108F Active Case Assembly		•	02272-01	•									00832-01
00340-01				02272-01	-									00832-01
02594-01	2110 Active Case Assembly		•	02271-01	•	•								00369-01
00338-01		•		02271-01	-	-								00369-01
02595-01	2110F Active Case Assembly		•	02272-01	•	•								00369-01
00342-01				02272-01										00369-01
02618-01	22 Active Case Assembly			02561-01										00842-01
01085-01	22 Active Case Assembly		_	02301-01										00842-01
02619-01	22LBR Active Case Assembly	_		02562-01			_							00842-01
01993-01	22LDR Retive Case Assembly		_	02302-01										00842-01
02606-01	2203 Active Case Assembly	_		02561-01			_							00370-01
00476-01	220) Netive Case Assembly		_	02273-01										00370-01
02607-01	2203LBR Active Case Assembly	_		02562-01										00370-01
00478-01	220) EDICTION COURT TOO CHIRD			02316-01										00370-01
02608-01	2208 Active Case Assembly			02561-01										00833-01
00477-01	,			02273-01			•							00833-01
	2208LBR Active Case Assembly			02562-01										00833-01
00479-01	,			02316-01										00833-01
02(10.01	2222 1 2 2 1 1			005(3.01										27/4
02610-01	2300 Active Case Assembly		-	02563-01				•						N/A
00482-01 02611-01	2310 Active Case Assembly			02274-01 02563-01										N/A N/A
0201101	(with mortise kit)			00834-01										11/11
00483-01				02274-01 00834-01				-						N/A

-		На	ınd	Active Case	See page									
Assembly	Model Description	RHRB	LHRB	Sub-assembly	6-4	6-5	9-9	8-9	6-10	6-11	6-12	6-13	6-14	Backplate
00498-01	2400 Active Case Assembly			N/A						•				N/A
00499-01	2400F Active Case Assembly	•	•	N/A						•				N/A
00500-01	2600 Active Case Assembly	•	•	N/A							-			N/A
02612-01	2703 Active Case Assembly		•	02564-01								•		00370-01
00501-01		-		02320-01								-		00370-01
02613-01	2708 Active Case Assembly		-	02564-01								•		00833-01
00502-01				02320-01										00833-01
02614-01	2803 Active Case Assembly			02565-01									-	00370-01
00503-01		•		02276-01									•	00370-01
02615-01	2808 Active Case Assembly			02565-01										00833-01
00504-01		-		02276-01									•	00833-01

#### 2100 ACTIVE CASE SUB-ASSEMBLY

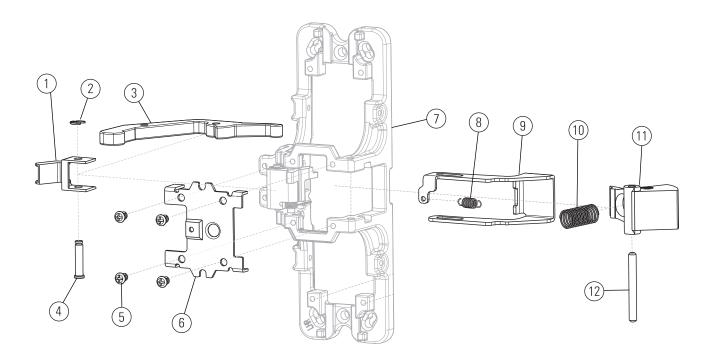
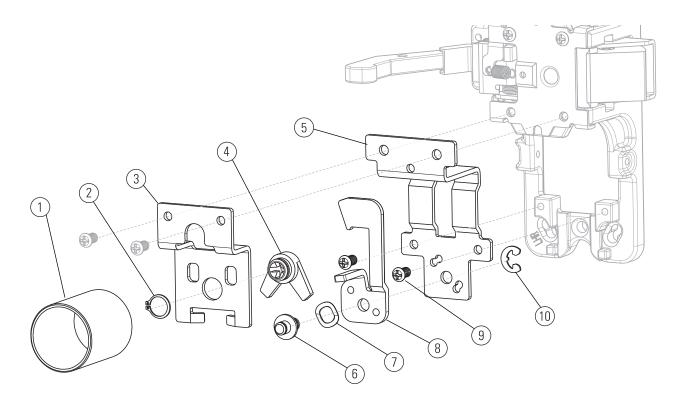


Figure 6.1 Basic 2100 Active Case -- RHRB shown

ltem	Part Number	Description	Qty	02271-01	02272-01
	02271-01	2100 Complete Active Case Sub-assembly Assembly			
	02272-01	2100F Complete Active Case Sub-assembly Assembly			
1	00625-51	Touchbar Guard, Wide Stile	1	•	•
2	00228-91	Retaining Ring, Shaft	1		
3	00279-51	Touch Bar Lever	1	•	•
4	00229-90	Pin, Pivot, Touchbar Lever	1		
5	00416-91	Screw, #8-32 x .275	4	•	•
6	00151-51	Top Plate	1		
7	N/A	Sold only as the complete assembly	1		
8	00146-89	Spring, Deadlock Release	1		
9	00284-51	Deadlock Release	1	•	•
10	00385-89	Spring, Latchbolt	1		
11	00226-51	Latchbolt	1	-	
	00295-01	Fire Latchbolt Assembly	1		
12	00154-90	Latchbolt Pivot Pin, Rim	1	-	•

## 2110 AUXILIARY PARTS



**Figure 6.2** Auxiliary parts for 2110 Mortise

ltem	Part Number	Description	Qty
1	00827-51	Cylinder Sleeve - 10 Function	1
2	00412-91	Retaining Ring, .438 Shaft	1
3	00826-51	Cylinder Bracket - 10, Rim	1
4	00825-51	Cylinder Cam, 10 Function	1
5	00823-51	Locking Bracket	1
6	00252-52	Dogging Fastener	1
7	01868-91	Washer, Wave, .325 ID X .500 OD	1
8	00822-51	Locking Arm	1
9	00463-91	Screw, #8-32 X 3/8 PHMS	2
10	00254-91	E-clip, .250 dia Shaft	1
	00824-01	Cylinder Assembly 10 Function (includes items 1, 2, 3, and 4)	1
	00821-01	Trim Locking Assembly (includes items 5, 6, 7, 8 and 10)	1

#### **2200 ACTIVE CASE SUB-ASSEMBLY**

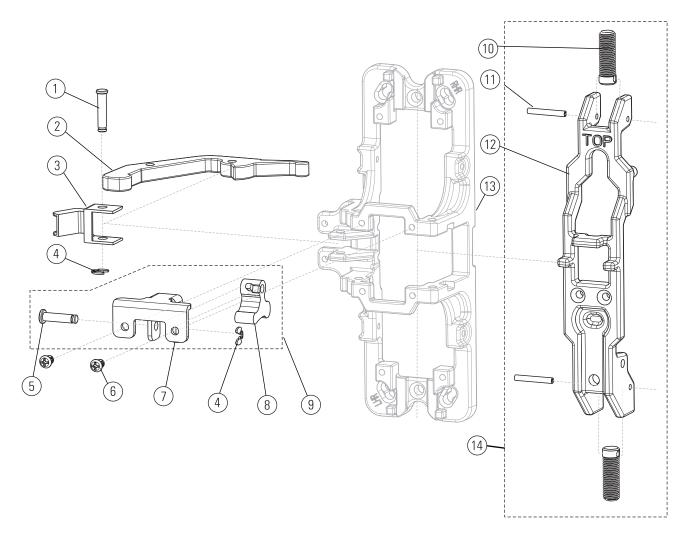


Figure 6.3 Basic Active Case for a wide surface vertical rod model - RHRB shown

ltem	Part Number	Description	Qty
	02273-01	2200 RHRB Complete Active Case Sub-assembly Assembly	
	02561-01	2200 LHRB Complete Active Case Sub-assembly Assembly	
	02316-01	2200LBR RHRB Complete Active Case Sub-assembly Assembly	
	02562-01	2200LBR LHRB Complete Active Case Sub-assembly Assembly	
1	00229-90	Pin, Pivot, Touchbar Lever	1
2	00279-51	Touch Bar Lever	1
3	00625-51	Touchbar Guard, Wide Stile	1

ltem	Part Number	Description	Qty
4	00228-91	Retaining Ring, Shaft	1
5	00153-90	Pin, Pivot, Vertical Lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical Lift Bracket	1
8	00280-51	Rod Carriage Lever	1
9	00505-01	Vertical Lift Assembly	1
10	00383-51 †	Rod Stud	2
11	00382-90 †	Roll Pin, 1/8 X 7/8	2
12	00485-51	Rod Carriage Machining, CVR/mort, Apex	1
13	N/A	Sold only as the complete assembly	1
14	00353-01	2200 Rod Carriage Assembly	1
	00533-01 <sup>†</sup>	2200LBR Rod Carriage Assembly	1

<sup>†.</sup> Active cases 02316-01, 02562-01 and Rod Carriage 00533-01 contain only one 00383-51 Rod Stud and one 00382-90 Roll Pin.

All Active Case Sub-assembly are field reversible from LHRB to RHRB and from RHRB to LHRB.

#### 2300 ACTIVE CASE SUB-ASSEMBLY

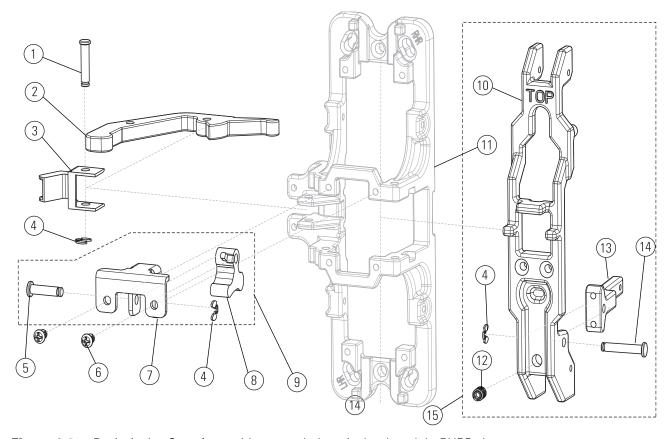


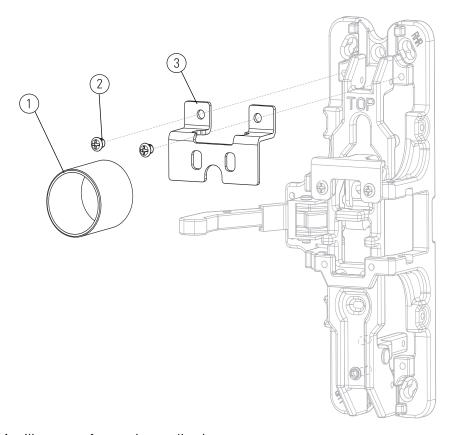
Figure 6.4 Basic Active Case for a wide concealed vertical rod model - RHRB shown

ltem	Part Number	Description	<b>Q</b> ty
	02274-01	2300 RHRB Complete Active Case Sub-assembly Assembly	
	02563-01	2300 LHRB Complete Active Case Sub-assembly Assembly	
1	00229-90	Pin, Pivot, Touchbar Lever	1
2	00279-51	Touch Bar Lever	1
3	00625-51	Touchbar Guard, Wide Stile	1
4	00228-91	Retaining Ring, Shaft	1
5	00153-90	Pin, Pivot, Vertical Lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical Lift Bracket	1
8	00280-51	Rod Carriage Lever	1
9	00505-01	Vertical Lift Assembly	1
10	00485-51	Rod Carriage Machining, Apex	1
11	N/A	Sold only as the complete assembly	
12	00606-91	Screw, 1/4-20 X .375 Set Screw w/nyloc	1
13	00335-51	Device Lift Finger	1

ltem	Part Number	Description	Qty
14	00400-90	Pin, Headed Pivot, .188 X 1.125	1
15	00797-01	2300 RHRB Rod Carriage Assembly	1
	02646-01	2300 LHRB Rod Carriage Assembly	1

All Active Case Sub-assembly 02274-01 and 02563-01 are field reversible from LHRB to RHRB and from RHRB to LHRB.

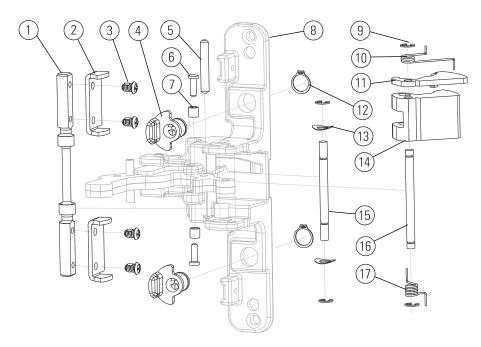
#### 2310 AUXILIARY PARTS



**Figure 6.5** 2310 Auxiliary parts for mortise applications.

ltem	Part Number	Description	Qty
1	00827-51	Cylinder Sleeve - 10 Function	1
2	00416-91	Screw, #8-32 x .275	2
3	00909-51	Cylinder Bracket -10 Mortise	1

# 2400 Full Chassis



**Figure 6.6** 2400 Full Chassis

ltem	Part Number	Description	Qty
	00498-01	2400 Complete Chassis Assembly	
	00499-01	2400F Complete Chassis Assembly	
1	01108-51	Trim Shaft	1
2	01107-51	Cam Plate	2
3	00416-91	Screw, #8-32 x .275	4
4	01724-51	Trim Cam 2400	2
5	01121-90	Pivot Pin	1
6	00952-51	Fire Pin, Narrow Stile (2400F only)	2
7	00953-51	Fire Spacer, Narrow Stile (2400F only)	2
8	N/A	Sold only as the complete assembly	1
9	01120-91	E-clip, Shaft	4
10	00871-89	Spring, Trip	1
11	01109-51	Trip	1
12	00412-91	Retaining Ring, .438 Shaft	2
13	00253-91	1/4 Curved Spring Washer	2
14	01106-51	Latchbolt Narrow Stile	1
15	01114-90	Pin, Lever, .187 X 2.312	1
16	01115-90	Pin, Latchbolt, 2400	1
17	01116-89	Latch Bolt Spring	1

#### **2600 FULL CHASSIS**

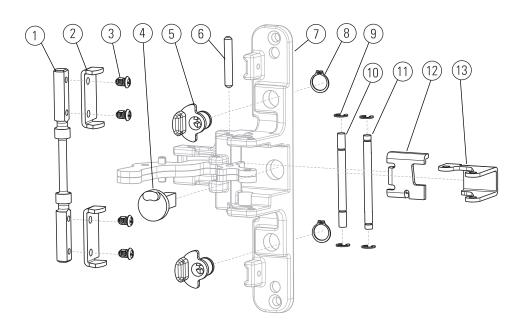
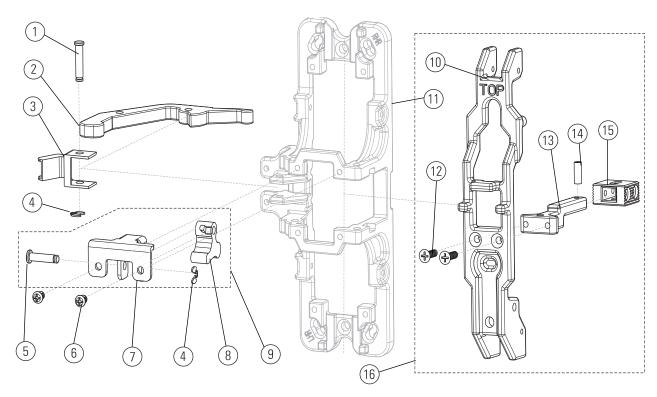


Figure 6.7 2600 Full Chassis

ltem	Part Number	Description	Qty
	00500-01	2600 Complete Chassis Assembly	
1	01108-51	Trim Shaft	1
2	01107-51	Cam Plate	2
3	00416-91	Screw, #8-32 x .275	4
4	01110-51	Case Hub	1
	05154-51	Extended Case Hub	1
5	01113-51	Trim Cam	2
6	01121-90	Pivot Pin	1
7	N/A	Sold only as the complete assembly	1
8	00412-91	Retaining Ring, .438 Shaft	2
9	01120-91	E-clip, Shaft	4
10	01114-90	Pin, Lever, .187 X 2.312	1
11	01115-90	Pin, Latchbolt, 2400	1
12	00126-51	Cam Slide, 2600	1
13	01111-51	Retainer	1

#### 2700 ACTIVE CASE SUB-ASSEMBLY



**Figure 6.8** 2700 wood concealed vertical rod model - RHRB shown

ltem	Part Number	Description	Qty
	02320-01	2700 LHRB Complete Active Case Sub-assembly Assembly	
	02564-01	2700 RHRB Complete Active Case Sub-assembly Assembly	
1	00229-90	Pin, Pivot, Touchbar Lever	1
2	00279-51	Touch Bar Lever	1
3	00625-51	Touchbar Guard, Wide Stile	1
4	00228-91	Retaining Ring, Shaft	1
5	00153-90	Pin, Pivot, Vertical Lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical Lift Bracket	1
8	00280-51	Rod Carriage Lever	1
9	00505-01	Vertical Lift Assembly	1
10	00485-51	Rod Carriage Machining, Apex	
11	N/A	Sold only as the complete assembly	1
12	00800-91	Screw, #8-32 X .625 FHMS	2
13	00355-51	Device Lift Finger	1
14	00799-90	Roll Pin, 1/8 X 1/2	1
15	00798-51	Adapter, 2700	1
16	00534-01	2700 Rod Carriage Assembly	1

#### 2800 ACTIVE CASE SUB-ASSEMBLY

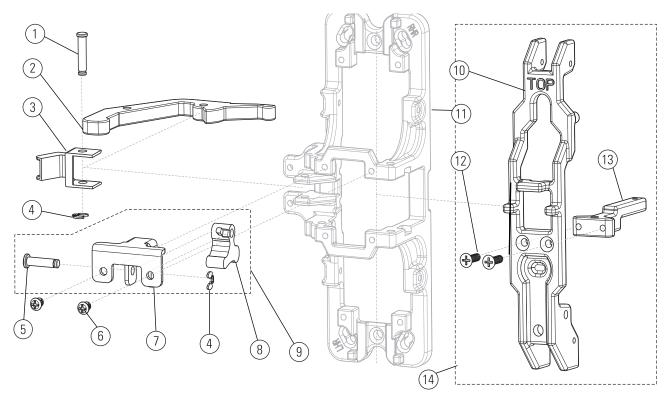


Figure 6.9 2800 concealed vertical rod model - RHRB shown

ltem	Part Number	Description	Qty
	02320-01	2700 LHRB Complete Active Case Sub-assembly Assembly	
	02564-01	2700 RHRB Complete Active Case Sub-assembly Assembly	
1	00229-90	Pin, Pivot, Touchbar Lever	1
2	00279-51	Touch Bar Lever	1
3	00625-51	Touchbar Guard, Wide Stile	1
4	00228-91	Retaining Ring, Shaft	1
5	00153-90	Pin, Pivot, Vertical Lift	1
6	00416-91	Screw, #8-32 x .275	2
7	00354-51	Vertical Lift Bracket	1
8	00280-51	Rod Carriage Lever	1
9	00505-01	Vertical Lift Assembly	1
10	00485-51	Rod Carriage Machining, Apex	1
11	N/A	Sold only as the complete assembly	1
12	00800-91	Screw, #8-32 X .625 FHMS	2
13	00355-51	Device Lift Finger	1
14	00534-01	2700 Rod Carriage Assembly	1

#### **BACKPLATE ASSEMBLIES**

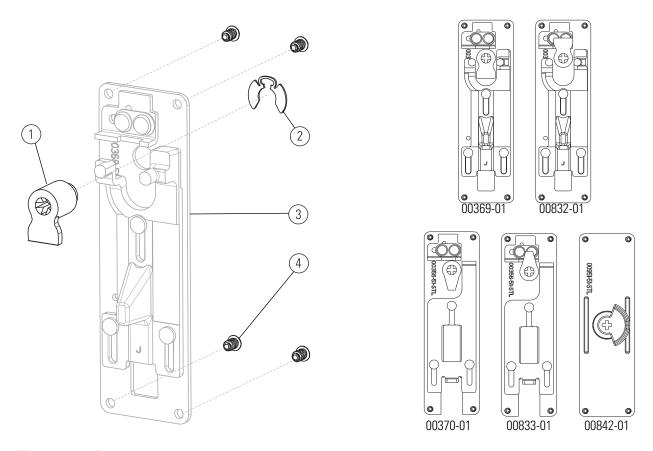


Figure 6.10 Backplate assembly

				Backplate Assembly				
ltem	Part Number	Description	Qty	00369-01	00832-01	00370-01	00833-01	00842-01
	00369-01	Complete Backplate Assembly						
	00832-01							
	00370-01							
	00833-01							
	00842-01							
1	00282-51	Cylinder cam	1					-
	01642-51		1					
	00363-51		1					
2	00412-91	Retaining Ring	1					
	00366-91		1					
3	N/A	Sold only as the complete assembly	1					
4	00416-91	Screws, #8-32 x.275	4		•			

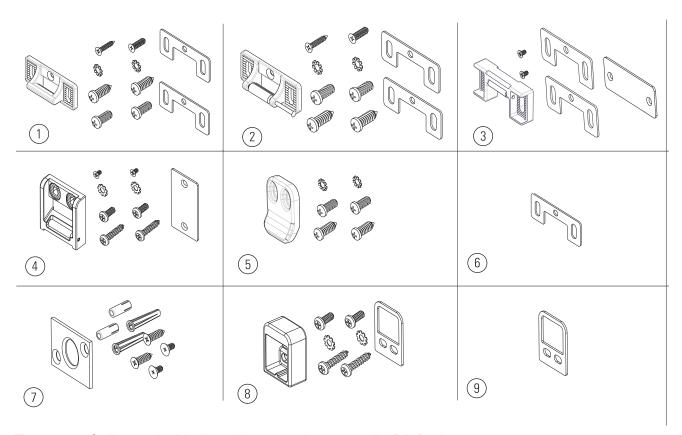
See page 6-2 for the associated complete active case.

7

# STRIKES AND VERTICAL ROD COMPONENTS

This chapter provides diagrams and part numbers for the strikes and the components of the surface and concealed vertical rod assemblies. The PHI Apex 2000 models that use a vertical rod include the 2200, 2600, 2700, and 2800 models.

#### STRIKES, NON-MORTISE



**Figure 7.1** Strikes used with all models except the 2300 model Exit Device.

ltem	Part Number	Description	Qty	Models used on
1	00300-08	Strike Kit, \$300	1	2100, 2200, 2400
2	00301-08	Strike Kit, Roller, \$301	1	2100, 2200, 2400
3	00458-08	Strike Kit, Roller, Narrow S458	1	2100, 2400
4	00988-08	Strike Kit, Roller, Aluminum Door S986	1	2100, 2400
5	00459-08	Strike Kit, Double Door \$459	1	2100 with a vertical rod exit device
6	00232-58	Shim, Strike	1	2100, 2200, 2400
7	00460-08	Strike Kit, Bottom S460	1	2200, 2600, 2700, 2800
8	00519-08	Strike Kit, Concealed Top S519	1	2600, 2700, 2800
9	01112-58	Shim, CVR Strike	1	2600, 2700, 2800

## STRIKES, MORTISE

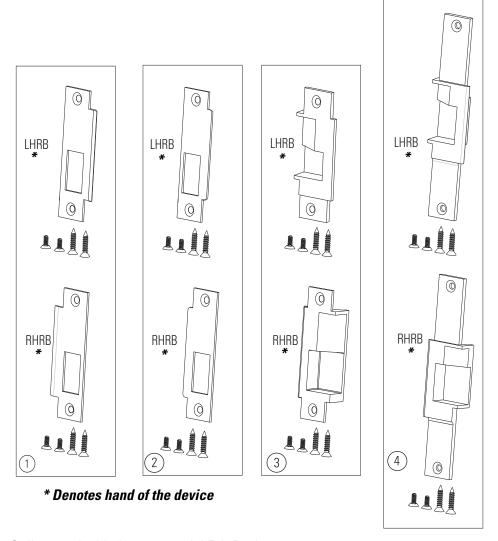
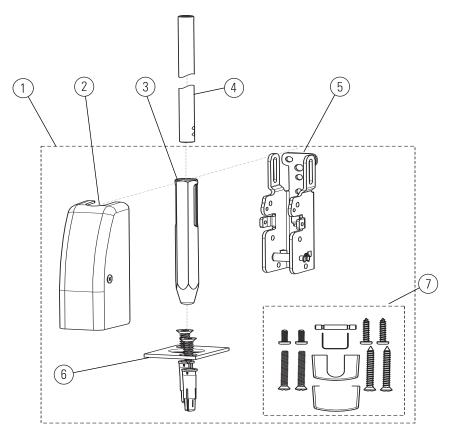


Figure 7.2 Strikes used with the 2300 model Exit Devices

				Hand of Device	
ltem	Part Number	Description	Ωty	LHRB	RHRB
1	00922-08	Strike Kit, Mortise 1-1/4 Lip	1		
	00982-08		1		
2	00923-08	Strike Kit, Mortise 7/8 Lip	1		
	00983-08		1		
3	00984-08	Strike Kit, Mortise 4-7/8 Open Back	1		
	00924-08		1		
4	00985-08	Strike Kit, Mortise 8 in Open Back	1		
	00925-08		1		

Specify finish when ordering these parts.

#### **2200 SVR BOTTOM LATCH**



**Figure 7.3** 2200 SVR bottom latch

ltem	Part Number	Description	<b>Q</b> ty
1	01007-03 *	Bottom Latch Kit, SVR (includes items 2, 3, 5, 6, and 8)	
2	01011-03 *	Latch Cover Kit, Apex	1
3	00540-53	Bottom Bolt, SVR	1
4	00607-53 *	Bottom Rod, Apex SVR (sold separately)	1
5	02356-03	Bottom Latch Channel Assembly, SVR	1
6	00460-08	Strike Kit, Bottom	1
7	00124-03 *	Rod Guide Pack	1
Not shown	01859-03 *	Bottom Rod Kit SVR (includes rod and mounting hardware)	1
	05247-09 *	Long Bottom Rod Kit	1

<sup>\*</sup> Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### 2200 SVR Top Latch

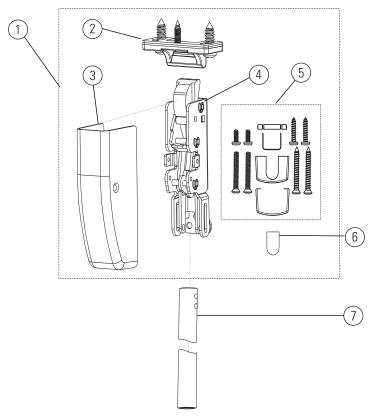


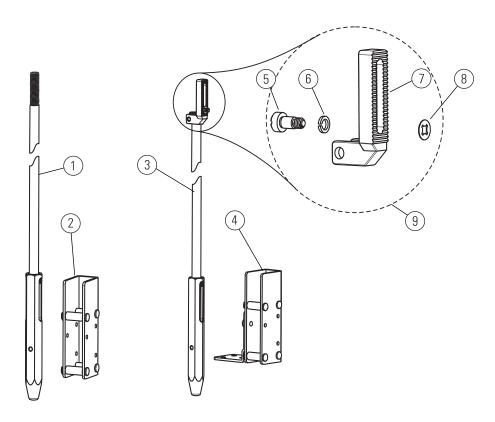
Figure 7.4 2200 SVR top latch

ltem	Part Number	Description	Qty
1	01001-03 *	Top Latch Kit, SVR, Apex (includes items 2, 3, 4, and 5)	1
2	00300-08	Strike Kit, Standard, S300	1
3	01011-03 *	Latch Cover Kit, Apex	1
4	00296-03	Top Latch Assembly, SVR	1
5	00124-03 *	Rod Guide Pack	1
6	05124-51	LBR Cover Plug	1
7	00541-53 *	Top Rod, 7ft Apex SVR (sold separately)	1
	00542-53 *	Top Rod, 8ft	1
	00544-53 *	Top Rod, 10ft	1
	05197-53 *	Top Rod, 12ft	1
	01854-03 *	Top Rod SVR Kit 7 Foot (includes hardware)	1
Not shown	01855-03 *	Top Rod SVR Kit 8 Foot (includes hardware)	1
3110 WII	01857-03 *	Top Rod SVR Kit 10 Foot (includes hardware)	1

<sup>\*</sup> Specify finish when ordering these parts.

If you need replacements for units rated for fire (FL), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

#### **CVR BOTTOM LATCHES**

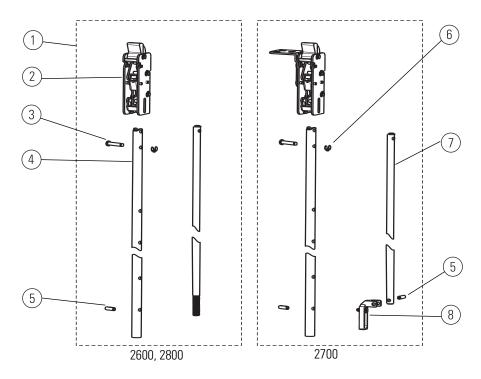


**Figure 7.5** 2600, 2700 2800 CVR bottom latch

ltem	Part Number	Description	Qty	2600	2700	2800
1	00553-03	Bottom Rod Assembly, CVR Metal	1			
	05244-09	Long Bottom Rod Kit, CVR Metal	1	-		
2	02354-03	Bottom Latch Channel Assembly, CVR Metal	1	-		•
3	00556-03	Bottom Rod Assembly, CVR Wood	1		-	
	05246-09	Long Bottom Rod Kit, CVR Wood	1			
4	02355-03	Bottom Latch Channel Assembly, CVR Wood	1			
5	01149-91	Shoulder Screw	1			
6	01151-91	Washer, Lock, #10	1			
7	01144-53	Connector, Wood CVR	1			
8	01152-91	Washer, Retaining	1			
9	02948-03	Connector Assembly 2700	1			

If you need replacements for units rated for fire (FL), contact your Stanley Security Solution dealer or call direct to 1-800-392-5209.

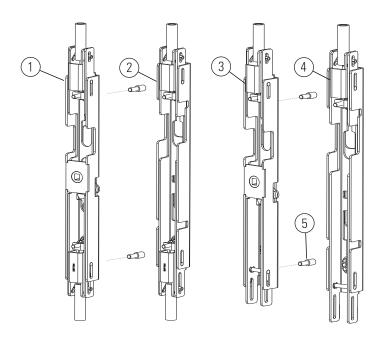
# **CVR T**OP **L**ATCHES



**Figure 7.6** 2600, 2700, 2800 CVR top latches

				2600	, 2800	27	<b>'00</b>
ltem	Part Number	Description	<b>Q</b> ty	8ft	10ft	8ft	10ft
1	01003-03	Top Latch Kit, CVR Meta	1				
	01004-03		1		•		
	01005-03	Top Latch Kit, CVR Wood	1			-	
	01006-03		1				
2	00196-03	Top Latch Assembly, CVR Metal	1	-	•		
	00396-03	Top Latch Assembly, CVR Wood	1			-	
3	00400-90	Pin, Headed Pivot, .188 X 1.125	1	•	•	-	•
4	00411-53	Adjusting Tube, 8 ft	1			-	
	01143-53	Adjusting Tube, 10 ft	1		•		•
5	00408-90	Roll Pin, 3/16 X 5/8	1	-	•		
	00408-90	Roll Pin, 3/16 X 5/8	2			-	•
6	00228-91	Retaining Ring, Shaft	1	-	•	-	
7	00410-53	Inner Rod, CVR, Metal	1	-	•		
	01145-53	Top Rod, CVR, Wood	1			-	
8	02948-03	Connector Assembly (See page 7-6 for assembly breakdown)	1			•	

#### **CENTER CASE ASSEMBLY**



**Figure 7.7** Apex 2000 center cases

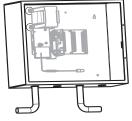
ltem	Part Number	Description	Qty
1	00343-03	Center Case Assembly, 2600	1
2	00344-03	Center Case Assembly, 2800	1
3	02280-03	Center Case Assembly, 2600LBR	1
4	02279-03	Center Case Assembly, 2800LBR	1
5	05139-90	Extended Pilot Pins (2600 and 2600LBR only)	2

# 8

# **OTHER COMPONENTS**

This chapter covers power supplies, conversion kits, and miscellaneous hardware that may not be covered in other chapters.

#### **POWER SUPPLIES**







Control Module

Use these parts to order replacements to your electrical Exit Device or to upgrade from a mechanical to an electrical Exit Device. They are used with the Electrical Conversion Kits listed below.

Number	Description
Power	Supply Units
02318-06	ELR150 Power Supply - no devices
02782-06	ELR151 Power Supply – 1 devices
02783-06	ELR152 Power Supply – 2 devices
02784-06	ELR153 Power Supply – 3 devices
02785-06	ELR154 Power Supply – 4 devices
02788-06	ELR, Control Module Kit CM150-08
02789-06	ELR, Battery Backup Kit BT150-07 (batteries NOT included)
Power	Transfer
02188-06	Armored Flex Conduit, 18 inches EPT2
02189-06	Door Loop for 5/16 wire bundle, 120° opening EPT5

#### **ELECTRICAL CONVERSION KITS**



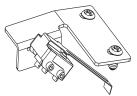
Use these kits to convert a mechanical Exit Device into an electrical powered device, or to order replacement parts for a current electrical Exit Device. Conversion also requires a power supply – see above..

Part		Length	Dogging	Stile
Number	Description	3ft 4ft	Hex FI	Wide Narrow
Touc	hbar Mechanisms			
00172-02	Touchbar Mechanism ELRK-3			
00175-02	Touchbar Mechanism ELRK-4	-	•	•
00173-02	Touchbar Mechanism ELRKF-3	-	-	•
00176-02	Touchbar Mechanism ELRKF-4	-	-	•
00892-02	Touchbar Mechanism NELRK-3		-	•
00895-02	Touchbar Mechanism NELRK-4	-	•	-
00893-02	Touchbar Mechanism NELRKF-3			
00896-02	Touchbar Mechanism NELRKF-4	-		•

These switches can be added to the electrical Exit Devices listed in the

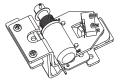


TDS Switch



LS Switch





Lock/Unlock

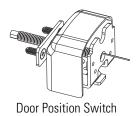


chart.

#### Part

Number	Description	Used on
Monit	toring Switches	
00309-06	TS - Touchbar Switch Monitoring Assembly TSK309	All
00310-06	TDS - Touchbar Double Switch Monitor TDS310	All
00307-06	LS- Latchbolt Switch Monitoring LSRK298	Wide Rim Only
00308-06	LDS-Double Switch Monitoring LDSRK299	Wide Rim Only
00910-06	LS- Monitoring - Vertical Rods LSVK910	Wide SVR or CVR only
Q Wi	ireless Option Retrofit Kits	
05267-06	Q-Option Upgrade Kit for Rim QSRK5267	2103
05268-06	Q-Option Upgrade Kit for Vertical Rod QSRK5268	2203,2703, 2803

Electr	Electric Rim Device			
00837-01	Electric Rim - Lock/Unlock E2103K	2103 and 2103FL		
Endcap	Endcap Door Status Switch			
00774-02 *	Door Position Switch Kit	Wide Stile		
00776-02 *	Door Position Switch Kit	Narrow Stile		

<sup>\*</sup> Specify finish when ordering these parts.

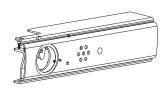
When ordering E-Mortise Locks, specify Fail Safe/Fail Secure and finish. Does not include cylinder.

Part		На	nd
Number	Description	RHRB	LHRB
Electric	Mortise Locks	•	
02553-05	Mortise Lock, LSM303		
02819-05			
02554-05	Mortise Lock, LSM303F	-	
02820-05			
02551-05	Mortise Lock, LSM308	•	
02817-05			
02552-05	Mortise Lock, LSM308F	-	
02818-05			
02557-05	Mortise Lock, LSEM303	•	
02823-05			
02558-05	Mortise Lock, LSEM303F	-	
02824-05			
02555-05	Mortise Lock, LSM308	•	
02821-05			
02556-05	Mortise Lock, LSEM308F	-	
02822-05			
00996-93	Short Arm 5/32 Hex Wrench		

#### **EXIT ALARM KITS**

Mortise Kit

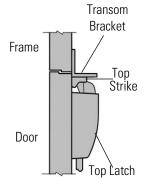
The ALK models come with batteries included. .



		Len	gth	Pov	ver	St	tile
<b>Part Number</b>	Description	3ft	4ft	ALK	ALW	Wide	Narrow
00491-06 *	Exit Alarm						
00492-06 *			•	•		-	
00493-06 *		•			•	•	
00494-06 *			•		-		
00586-06 *		-		•			•
00587-06 *			•				-
00588-06*		-			•		•
00589-06 *							

<sup>\*</sup> Specify finish when ordering these parts.

## SHIMS AND BRACKETS



Part Number	Description	Used on
00994-09	Shim Kit, Apex Wide Stile	Endcap and Active Case
00995-09	Shim Kit, Apex Narrow Stile	Endcap and Active Case
00232-58	Shim, Strike	Strike \$300, \$301, and \$458
01112-58	Shim, CVR Strike	Strike S519
00453-53	Transom Bracket for \$300 Strike	2200 Top Latch

## FIRE BOLT





Part Number	Description	Used on
01303-03	Fire Bolt Kit FB277	2200LBR, 2600LBR, 2700LBR, 2800LBR

## **SCREW PACKS**

Part Number	Description	Contents
02101-09 *	Screw Pack, 2100 2200 2300 Device	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Type
02102-09 *	Screw Pack, 4 Cover Screws	(4) Screw, #8-32 X 3/8 PUFHMS

Part Number	Description	Contents
02103-09-000	Screw Pack, Endcap Bracket	(2) Washer, #10 External Tooth (2) Screw, #10-24 X 1/2 (2) Screw, #10-16 X 1
02104-09 *	Screw Pack, Endcap Screws	(2) Screw, #8-32 X 3/8 PUFHMS
02105-09 *	Screw Pack, Cylinder Dogging	Nut, Cylinder Locking Washer, Cylinder Locating 3/16 Cylinder Collar
02106-09 *	Screw Pack, 2 Cover Screws	(2) Screw, #8-32 X 3/8 PUFHMS
02107-09-000	Screw Pack, 2400	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Washer, #10 External Tooth (2) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-16 X 1 PPHSMS TYPE AB
02109-09 *	Screw Pack, Latchbolt Cover	Latch Opening Cover
02110-09 *	Screw Pack, 1/2in Blocking Ring, Narrow W/o Trim	1/2 Cylinder Collar
02112-09-000	Screw Pack, Surface Latch	(2) Screw, #10 X 1-3/4" POHSMS Rod Guide (2) Screw, #10-24 X 1-1/2" POHMS, (2) Screw, #10-16 X 1 PPHSMS Spring Clip, Vertical Rod Pin, Rod, .188 X 1.296 (2) Screw, #10-24 X 1/2 PPHMS

Part Number	Description	Contents
02113-09 *	Screw Pack, Guide Strap	
		Rod Guide Strap
02114-09 *	Screw Pack, Concealed Latch	(2) Screw, #10-24 X 1/2 POHMS W/Nyloc (2) Washer, Finish, #10
02115-09-000	Screw Pack, 2800 Active Case	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-24 X 1 POHMS (2) Washer, #10 External Tooth (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS Roll Pin, 3/16 X 5/8
02116-09-000	Screw Pack, 2600 Active Case	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Pin, Pilot (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Roll Pin, 3/16 X 5/8 (2) Screw, #10-16 X 1 PPHSMS
02117-09-000	Screw Pack, 2700 Latch	(3) Screw, #10-16 X 1 PFHMSM Roll Pin, 3/16 X 5/8
02118-09 *	Screw Pack, Mortise Lock	Wrench, 1/8 Hex (4) Screw, #12-14 X 1 FHSMS (4) Screw, #12-24 X 1/2 PUFHMS (2) Screw, #8-32 X 3/16 PUFHMS
02119-09 *	Screw Pack, 2000 Bottom Screw	Washer, Finish, #10 Screw, #10-24 X 1-1/2 POHMS

Part Number	Description	Contents
02120-09 *	Screw Pack, A And C Grip Bottom Screw	Screw, #1/4-20 x 2 POHMS Washer, Finish, 1/4
02121-09 *	Screw Pack, B Grip Bottom Screw	Screw, #1/4-20 x 2-3/8 POHMS (2) Screw, #1/4-20 x 2-1/8 POHMS Washer, Finish, 1/4
02125-09-000	Screw Pack, C03 Trim	Rim Cylinder Sleeve Cylinder Strap (4) Screw, #10-24 X 2 PHMS
02129-09-000	Screw Pack, 2000 Trim Attachment	Screw, #10-24 X 1-1/2 POHMS
02230-09-000	Screw Pack, 2700 (Consists of Screw Pack 02101-09 and (2) 02117-09)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Type (6) Screw, #10-16 X 1 PFHMSM (2) Roll Pin, 3/16 X 5/8
02231-09-000	Screw Pack, 2700 LBR Device (Consists of Screw Pack 02101-09 and (1) 02117-09)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Type (2) Screw, #10-16 X 1 PPHSMS (3) Screw, #10-16 X 1 PFHMSM Roll Pin, 3/16 X 5/8

Part Number	Description	Contents
02232-09 *	Screw Pack, 2800 Device (Consists of Screw Pack 02115-09 and (2) 02114-09)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-24 X 1 POHMS (2) Washer, #10 External Tooth (4) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-16 X 1 PPHSMS (4) Screw, #10-24 X 1 POHMS (4) Screw, #10-24 X 1 PPHSMS
02233-09 *	Screw Pack, 2800 LBR Device (Consists of Screw Pack 02115-09 and (1) 02114-09)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-24 X 1 POHMS (2) Washer, #10 External Tooth (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS Roll Pin, 3/16 X 5/8 (2) Screw, #10-24 X 1 POHMS (2) Screw, #10-24 X 1 POHMS (2) Screw, #10-16 X 1 PPHSMS
02234-09 *	Screw Pack, 2600 Device (Consists of Screw Pack 02116-09 and (2) 02114-09)	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Pin, Pilot (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Roll Pin, 3/16 X 5/8 (2) Screw, #10-16 X 1 PPHSMS (4) Screw, #10-24 X 1/2 POHMS W/Nyloc (4) Washer, Finish, #10
02235-09 *	Screw Pack, 2600 LBR Device (Consists of Screw Pack 02116-09 and (1) 02114-09)	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Pin, Pilot (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Roll Pin, 3/16 X 5/8 (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 POHMS W/Nyloc (2) Washer, Finish, #10

Part Number	Description	Contents
02262-09-000	Security Screw Pack 2100, 21 Devices	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (2) Screw, #10-24 x 3/4 T25 TORX W/Pin (2) Screw, 1/4-20 x 3/4 T27 TORX W/Pin
02263-09-000	Security Screw Pack 2200, 22	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (4) Screw, #8-32 x 3/8 T15 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin Screw, #10-24 x 3/4 T25 TORX W/Pin (2) Screw, 1/4-20 x 3/4 T27 TORX W/Pin (2) Screw, 1/4-20 x 1" T30 TORX W/Pin
02264-09-000	Security Screw Pack 2200LBR, 22LBR	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin Screw, #10-24 x 3/4 T25 TORX W/Pin (2) Screw, 1/4-20 x 3/4 T27 TORX W/Pin (2) Screw, #8-32 x 3/8 T15 TORX W/Pin
02265-09-000	Security Screw Pack 2400	(2) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (2) Screw, #10-24 x 1/2 T25 TORX W/Pin
02845-09-000	Screw Pack, Surface Latch, 1/4-20	(2) Screw, #10 X 1-3/4" POHSMS (A) Rod Guide (2) Screw, #10-24 X 1-1/2" POHMS (2) Screw, 1/4-14 X 1 PPHSMS Spring Clip, Vertical Rod Pin, Rod, .188 X 1.296 (2) Screw, 1/4-14 X 1 PPHSMS
02985-04 *	Screw Pack For Dummy Trim	(4) Washer, Finish, #10 (4) Screw, #10-24 X 1-1/2 POHMS

Part Number	Description	Contents
03131-09-000	Security Screw Pack 2300	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (4) Screw, #12-24 x 1/2 T20 TORX W/Pin
03132-09-000	Security Screw Pack 2700	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (2) Screw, #10-24 x 1/2 T25 TORX W/Pin (2) Screw, 1/4-20 x 1" T30 TORX W/Pin
03133-09-000	Security Screw Pack 2800	(4) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (2) Screw, #10-24 x 1/2 T25 TORX W/Pin (2) Screw, 1/4-20 x 1" T30 TORX W/Pin (4) Screw, #10-24 x 1/2 T25 TORX W/Pin
03135-09-000	Security Screw Pack 2600	(2) Screw, #8-32 X 3/8 T20 TORX W/Pin (2) Screw, #10-24 X 3/8 TORX FHMS W/Pin (2) Screw, #10-24 x 1/2 T25 TORX W/Pin (2) Screw, 1/4-20 x 1" T30 TORX W/Pin (4) Screw, #10-24 x 1/2 T25 TORX W/Pin
03233-09-SST	Screw Pack, 2100 2200 2300 Device Hex	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS Hex Dogging Key (2) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-16 X 1 PPHSMS (2) Washer, #10 External Tooth
03234-09 *	Screw Pack, 2600 Device Hex (Consist of (1) 02116- 09. (2) 02114-09 and a 00220-93 Dogging Key.)	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Pin, Pilot (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Roll Pin, 3/16 X 5/8 (2) Screw, #10-16 X 1 PPHSMS (4) Screw, #10-24 X 1/2 POHMS W/Nyloc (4) Washer, Finish, #10 Hex Dogging Key

Part Number	Description	Contents
03235-09 *	Screw Pack, 2600 LBR Device Hex (Consist of (1) 02116- 09. (1) 02114-09 and a 00220-93 Dogging Key.)	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 POHSMS (2) Pin, Pilot (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Roll Pin, 3/16 X 5/8 (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 POHMS W/Nyloc (2) Washer, Finish, #10 Hex Dogging Key
03236-09-000	Screw Pack, 2700 Hex (Consists of Screw Pack 02101-09 and (2) 02117-09 and a 00220- 93 Dogging Key.)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Type (6) Screw, #10-16 X 1 PFHMSM (2) Roll Pin, 3/16 X 5/8 Hex Dogging Key
03237-09-000	Screw Pack, 2700 LBR Device Hex (Consists of Screw Pack 02101- 09 and (1) 02117-09 and a 00220-93 Dogging Key.)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Washer, #10 External Tooth Type (3) Screw, #10-16 X 1 PFHMSM (1) Roll Pin, 3/16 X 5/8 Hex Dogging Key
03238-09 *	Screw Pack, 2800 Device Hex (Consists of Screw Pack 02115-09 and (2) 02114-09 and a 00220- 93 Dogging Key.)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-24 X 1 POHMS (2) Washer, #10 External Tooth (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS Roll Pin, 3/16 X 5/8 (4) Screw, #10-24 X 1 POHMS (4) Screw, #10-16 X 1 PPHSMS Hex Dogging Key

<b>Part Number</b>	Description	Contents
03239-09 *	Screw Pack, 2800 LBR Device Hex (Consists of Screw Pack 02115-09 and (1) 02114-09 and a 00220- 93 Dogging Key.)	(4) Screw, #10-24 X 1-1/2 POHMS (4) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-24 X 1 POHMS (2) Washer, #10 External Tooth (4) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 PPHSMS Roll Pin, 3/16 X 5/8 (2) Screw, #10-24 X 1 POHMS (2) Screw, #10-16 X 1 PPHSMS Hex Dogging Key
03240-09-SST	Screw Pack, 2400, 5100, 5200	(2) Screw, #10-24 X 1-1/2 POHMS (2) Screw, #10-16 X 1 PPHSMS (2) Screw, #10-24 X 1/2 PPHMS (2) Screw, #10-16 X 1 POHSMS (2) Screw, #10-16 X 1 POHSMS (2) Washer, #10 External Tooth Hex Dogging Key

<sup>\*</sup> Specify finish when ordering these parts.

## **G**LOSSARY

**ALK** Exit alarm, battery operated.

**ALW** Exit alarm, remote powered.

**Armored front** The mortise lock front and faceplate designed to prevent tampering

with the cylinder clamp screw and case mounting screws.

**Backset** The distance from the faceplate to the center of the cylinder or lever.

**BRL** Braile touchbar.

**Cam** See *Cylinder cam*.

**Core** See *Interchangeable core*.

**Cylinder** See *Mortise cylinder*.

**Cylinder cam** A rotating part of a keyed cylinder that drives the deadbolt or latchbolt.

**CD** Cylinder dogging.

**Cylinder ring** A metal ring that fits around the cylinder and protects it from

tampering. The cylinder ring also spaces the cylinder out to the right

position.

**CVR** Concealed vertical rod.

**DE** Delayed egress.

**Door bevel** The angle on the edge of a door.

**Door status** A sensor that monitors whether the door is open or closed. This sensor

**sensor** is used to detect a forced entry, or a door that is propped open.

**DS** Door position monitoring switch.

**E** Electric device.

**ELR** Electric latch retraction.

Escutcheon A surface-mounted plate that covers holes that were made in the door for

levers and cylinders.

**Faceplate** A finished part of a mortise lock that covers the armored front. See

Armored front.

Figure-8 The basic shape of the interchangeable core and its housing (door lever,

cylinder, padlock, and so forth.). See also Interchangeable core.

FL Fire exit hardware.

Hand of door The swing direction of the door as viewed from the outside of the door. A

> right-handed (RH) door is hinged on the right and swings inward. A lefthanded (LH) door is hinged on the left and swings inward. If either of these doors swings outward, it becomes a right-hand reverse bevel (RHRB) door, or a left-hand reverse bevel (LHRB) door respectively.

HC Windstorm and hurricane code device.

Interchangeable A figure-8 shaped device that contains all mechanical parts for a

> core masterkeyed system. The interchangeable core can be removed by a special control key and can be recombinated without disassembling the

lock. See also Figure-8.

Key override An optional feature that enables an authorized user (in an emergency) to

bypass all electronic locking features, and open the lock with a

mechanical key.

A sensor that monitors whether the latchbolt is extended or retracted. Latch status

sensor This sensor can be used in combination with the door status sensor to

determine whether the door is fully secure. See also *LD/LDS*.

LD Less dogging.

LDS Latchbolt monitoring double switch.

Lock function An ANSI code number describing the way a lock operates.

> LS Latchbolt monitoring switch.

Mortise A threaded lock cylinder that screws directly into the lock case. A keycylinder

driven rotating cam, attached to the back, drives the locking mechanism.

Mortise A rectangular cavity cut into the edge of a door. Also can mean the act of

making such a cavity.

Mortise lock A lock that fits into a mortise. Other locks fit into bored holes or mount to

a surface. See also *Mortise*.

Q Wireless access management system.

Removable core See Interchangeable core.

switch

Request-to-exit A switch that allows the user to exit without setting off an alarm. When

wired to an alarm system, a TD or TDS switch sends a signal to disable or

sound an alarm, start a timer, and so forth.

SEC Security screws. **SNB** Sex nuts and bolts.

**SVR** Surface vertical rod.

**Tailpiece** A part that extends from the back of the cylinder and engages an exit

device mechanism.

**TDS** Touchbar monitoring double switch. See also *Request-to-exit switch*.

**Template** A precise, detailed hole pattern that serves as a guide for the mortising and

drilling of doors and frames.

**TS** Touchbar monitoring switch. See also *Request-to-exit switch*.

Wire harness A group of wires bundled together with connectors at either end.

**WALW** Weatherized exit alarm, remote powered.

WTDS Weatherize touchbar monitoring double switch. See also Request-to-exit

switch.

**WTS** Weatherize touchbar monitoring switch. See also *Request-to-exit switch*.

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